

Notice of Allowability

Application No.

10/019,054

Examiner

Benny Q. Tieu

Applicant(s)

URANAKA ET AL.

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to patent application filed Feb. 21, 2002 and Election/Restriction filed Sept. 9, 2005.
2. ☒ The allowed claim(s) is/are 1, 2, 4-6, 3 and 7-15 (renumbered as 1-15, respectively).
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☒ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

2. The application has been amended as follows:

Claim 16 has been canceled.

(End of Amendment)

Election/Restrictions

1. Applicant's election of Group I, claims 1-15 in the reply filed on September 28, 2005 is acknowledged. Because applicant did not distinctly and specifically point out the supposed errors in the restriction requirement, the election has been treated as an election without traverse (MPEP § 818.03(a)).

2. This application is in condition for allowance except for the presence of claim 16 to invention non-elected without traverse. Accordingly, claim 16 has been cancelled.

Allowable Subject Matter

3. The following is an examiner's statement of reasons for allowance: prior art of record fails to teach, or renders obvious, alone or in combination, a telephone voice control system capable of reducing the load on an application program in CTI technology to enable loading of the application program. The system is furnished with an intermediate processing unit (middleware) and an application program. The intermediate processing unit is provided with a call processing part, a voice data processing part, a status management part for maintaining the status of the call processing part and the voice data processing part, and a control part for controlling the call processing part and the voice data processing part. The application program sends a request to the intermediate processing unit. In operation, the control part compares a state enough to execute the request from the application program with the status maintained by the status management part, and if both disaccord, requests the call processing part and the voice processing part to perform processing for matching both states with each other, as directly claimed in independent claims 1 and 3. With regards to claim 8, prior art of record fails to teach,

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or renders obvious, alone or in combination, a telephone voice control system comprising a multi-functional terminal including a data communication terminal part connected to a data network and a telephone terminal part connected to a telephone network; an information notification unit for notifying information to the data network; a circuit switching unit of an exchange, which obtains a caller number from the telephone network at arrival of a call; a voice storage unit for storing voice data received through said exchange; and an application program which controls storage and reading of the voice data into and from said voice storage unit, wherein said information notification unit notifies the data network of the information requested by said application program, and when said multi-functional terminal that has obtained the information through the data network makes a request to the exchange through the telephone network for the transmission of voice data, the voice data is selected from among voice data stored in the voice storage unit according to the caller number obtained at said circuit switching unit so that the voice data will be provided to said multi-functional terminal. With regards to claim 10, prior art of record fails to teach, or renders obvious, alone or in combination, a telephone voice control system comprising: a public cable network; a general telephone terminal connected to said public cable network; a public radio network; a multi-functional terminal connected to said public radio network; an extension telephone terminal; an exchange; and a voice storage apparatus provided with voice storage means for receiving the voice data from said exchange, voice storage/management means for storing the voice data received by said voice storage means, storage notification means, which when the voice data is completely stored, transmits, to said multi-functional terminal, a storage notification in which information that enables a connection with said exchange is stored, caller number storage means, which maintains

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a one-to-one correspondence between the caller number of said multi-functional terminal and the voice data stored in said voice storage/management means, and voice playback means, which when the connection between said multi-functional terminal and said exchange is established, obtains the voice data stored in said storage/management from the caller number of said multi-functional terminal input from said caller number transmission means to transmit the same to said exchange.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Benny Q. Tieu whose telephone number is 571-272-7490. The examiner can normally be reached on Monday-Friday: 6:30AM - 5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ahmad Matar can be reached on 571-272-7488. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

A handwritten signature in black ink, reading "Benny Q. Tieu". The signature is fluid and cursive, with the first name "Benny" and last name "Tieu" clearly legible, and "Q." in the middle.

Benny Q. Tieu
Primary Examiner
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November 5, 2005